



DEPARTMENT OF ENVIRONMENTAL HEALTH

633 WASHINGTON STREET, ROOM 36

RED BLUFF, CA 96080

Phone (530) 527-8020 Fax (530) 527-6617

Richard A. Wickenheiser, M.D.
Health Officer

Tim Potanovic, REHS
Director

Citation 82-18C-002

In RE: Paskenta Community Services District

TO: Paskenta Community Services District
P.O. Box 182
Paskenta, CA 96074
Attention: Wayne Jobe – Paskenta CSD Operator

WATER SYSTEM NO: 5200534

May 21, 2018

CITATION FOR VIOLATION OF TURBIDITY STANDARDS, TURBIDITY REPORTING, AND REALIABILITY FEATURES – April 2018

Section 116650 of the California Health and Safety Code authorizes the issuance of a citation for failure to comply with the requirements of Health and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), or any regulation, permit, standard or order issued or adopted thereunder.

The Tehama County Environmental Health Department, hereby issues a Citation to Paskenta Community Services District (District), Water System No. 5200534, for failure to comply with the requirements of:

Table 64653 (2), (A) Title 22, California Code of Regulations. Table 64653 (2), (A) states the turbidity level of the combined filter effluent “shall be less than or equal to 0.3 NTU in at least 95 percent of the measurements taken each month.” *Based on the treatment report submitted for*

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April 2018 ONLY 75% of the monthly readings provided from the "Hach 1720" continuous analyzer met the 0.3 NTU performance requirement.

Section 64655 Filtration Monitoring. Section 64655 states that filtration turbidity monitoring results, for both combined effluent and individual filters, are required to be reported in the monthly report on any day that the treatment plant operates. *Based on the treatment report submitted for April 2018, combined filter effluent and/or individual filter effluent turbidity results were not reported on the April 4th.*

Section 64659 (a) (1) Reliability. Section 64659 (a)(1) requires alarms for filtration turbidity problems. *Based on the treatment report submitted for April 2018, the combined filter effluent turbidity for the HACH 1720C analyzer was not being recorded for a plant run between the hours of 4:45 p.m. April 29th and 3:15 a.m. April 30th, effectively disabling the high effluent turbidity alarm.*

APPLICABLE AUTHORITIES

Appendix "A" includes the Chapter 17 Surface Water Treatment regulations referred to herein.

STATEMENT OF FACTS

During the month of April 2018 the Paskenta CSD surface water treatment plant failed to produce finished water that meet the turbidity standard (<0.3 NTU) in 95% of samples collected during the month. During the month of April 2018 the plant only produced water with turbidity <0.3 NTU in 75% of samples collected every 15 minutes. In addition, on April 13th the plant produced water that exceeded 1 NTU for more than 1 hour.

These plant failures led to the Paskenta CSD to voluntarily issue a boil water order with cooperation with the Tehama County Environmental Health Department. On May 3, 2018, the

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boil water notice was rescinded after the CA Division of Drinking Water conducted an inspection and verified that the treatment plant was producing water that met turbidity standards.

Additional reporting errors were discovered during the plant evaluation for the month of April.

- 1) During the days of the 4th, 10th-14th and the 16th and 17th, the written plant log does not have turbidity data recorded (including individual filter turbidity records). In the written log some of these days indicate that the plant was off, however; the data logger 15-minute report indicates that the plant was delivering water on or about the times that the written log indicates that the plant was off for the day.
- 2) On April 29th – 30th no finished water turbidity data was logged during a plant run through the night. This allowed the plant to run unattended without the high finished water turbidity alarm functioning or data being recorded during a 10-hour filter run. This is a violation of reliability.

DETERMINATIONS

The Department has determined the District is in violation of the aforementioned Title 22, California Code of Regulations.

DIRECTIVES

The District is hereby directed to take the following actions:

- 1) The District must comply with the combined filter effluent turbidity performance standards of Table 64653, Section 64653, Title 22, California Code of Regulations.
- 2) Pursuant to Sections 64463.4 and 64666, Title 22, California Code of Regulations, the District is required to notify the public of turbidity exceedances and reporting violations. Public notice shall be given as soon as possible, but no later than June 7th.

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An approved format is enclosed (Appendix B). The certification of Public Notice is enclosed as Appendix C. No changes shall be made to the notice unless pre-approved by the Department.

The Department reserves the right to make such modifications to this Citation, as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

Nothing in this Citation relieves the Water System of its obligation to meet the requirements of Health and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), or any regulation, permit, standard or order issued or adopted thereunder.

All submittals required by this Citation shall be submitted to the Department at the following address:

Tehama County Environmental Health
633 Washington Street Rm 36
Red Bluff, Ca 96080
Attention: Tia Branton, REHS

PARTIES BOUND

This Citation shall apply to and be binding upon the Water System, its officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The directives of this Citation are severable, and the Water System shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

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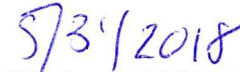
Tim Potanovic, REHS
Director

FURTHER ENFORCEMENT ACTION

Division 104, Part 12, Chapter 4, (commencing with section 116270) of the California Health and Safety Code authorizes the Department to: issue additional citations with assessment of penalties if the Water System continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the department. The Department does not waive any further enforcement action by issuance of this citation.



Tia Branton REHS
Tehama County Environmental Health



Date

Appendices:

- A. Applicable Statutes and Regulations
- B. Public Notification (Tier 2)
- C. Compliance Certification

NOTE: This publication is meant to be an aid to the staff of the State Board's Division of Drinking Water and cannot be relied upon by the regulated community as the State of California's representation of the law. The published codes are the only official representation of the law. Refer to the published codes—in this case, 17 CCR and 22 CCR—whenever specific citations are required. Statutes related to the State Board's drinking water-related activities are in the Health & Safety Code, the Water Code, and other codes.

CHAPTER 17. SURFACE WATER TREATMENT

Article 1. General Requirements and Definitions

§64650. General Requirements.

(a) For a supplier using an approved surface water, as defined in section 64651.10, this chapter establishes treatment techniques in lieu of maximum contaminant levels for turbidity and the following microbial contaminants: *Giardia lamblia* (cysts), viruses, heterotrophic plate count bacteria, *Legionella*, and *Cryptosporidium*.

(b) A supplier using an approved surface water shall provide multibarrier treatment necessary to reliably protect users from the adverse health effects of microbiological contaminants and to comply with the requirements and performance standards prescribed in this chapter.

(c) A supplier that meets the requirements of section 64652.5 and wishes to not be required to provide multibarrier treatment shall submit an application to the State Board. That application shall consist of comprehensive documentation that either demonstrates current compliance with the requirements in section 64652.5 or demonstrates that the water system will be in compliance within fifteen months from application submittal.

(d) If at any time the State Board determines that a water supplier is not in compliance with the requirements of this chapter, the supplier shall submit for State Board approval a plan and schedule to modify its system to meet the requirements of this chapter. The supplier shall submit the plan and schedule within 90 days of receipt of the State Board's determination.

(e) If the supplier disagrees with the State Board's determination in subsection (d), the supplier shall submit reasons for its disagreement within 30 days of receipt of the determination. If the State Board's final determination is that the supplier does not meet the requirements of this chapter, the supplier shall comply with the provisions of subsection (d) within 90 days of receipt of the State Board's final determination.

(f) A supplier shall comply with the following provisions of 40 Code of Federal Regulations as they appear in the:

(1) Long Term 2 Enhanced Surface Water Treatment Rule published in 71 Federal Register 654 (January 5, 2006), which are incorporated by reference: sections 141.211, Appendix A to Subpart Q (Public Notification), 141.700, 141.701, 141.702, 141.703, 141.704, 141.705, 141.706, 141.707, 141.708, 141.709, 141.710, 141.711, 141.712, 141.713, 141.714, 141.715 (except subsection (b)(4)), 141.716, 141.717 (except subsection (b)), 141.718, 141.719, 141.720, 141.721 (except subsection (f)(4)), 141.722, and 141.723, except that in:

(A) sections 141.211(a) and (b), the phrase “§ 141.203(b)” is replaced by “section 64463.4(b)(2)”;

Appendix "B"

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Paskenta Community Services District Did Not Meet the Treatment Requirements (Filter Effluent Turbidity Performance Standard) or Monitoring Requirements for April 2018

Our Paskenta Community Services District water system (PCSD) recently violated drinking water standards and monitoring requirements. Although this incident was not an emergency, as our customers, you have a right to know what happened and what is being done to correct this situation.

The PCSD surface water treatment plant filtration process is categorized by the Waterboards as conventional filtration treatment. Section 64653, Chapter 17, Title 22, of the California Code of Regulations, specifies that a water system's combined filter effluent (CFE) for a conventional filtration plant shall be less than 0.3 NTUs (turbidity) in at least 95% of the total monthly turbidity measurements. According to the treatment records for April 2018, only 75% of the daily turbidity readings met the less than 0.3 NTU standard

What should you do?

You do not need to boil your water or take other corrective actions.

This is not an emergency. Boil Water notice was issued April 20th and rescinded by the State on May 3.rd

PCSD routinely monitors your water for turbidity (cloudiness). This parameter measures the effectiveness of the filtration of a water treatment process.

Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

These symptoms are not caused only by organisms in drinking water.

What Happened? What Was Done?

Boil Water notice was issued April 20th and rescinded by the State on May 3.rd

PCSD experienced high raw water turbidities during April that impacted the performance of the treatment plant. PCSD has hired a new qualified treatment operator. There is a planning study currently ongoing to identify necessary improvements to the treatment plant.

For more information, please contact Wayne Jobe of the PCSD at 530-824-9341.

Please share this information with other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Upon receipt of this notice from a public water system the following establishments must provide secondary notification by distributing this notice within ten days as follows: Schools must notify school employees, students, and parents (if the students are minors). Residential rental property owners or managers (including nursing home and care facilities) must notify tenants. Business property owners, managers, or operators must notify employees of businesses located on the property. [Health and Safety Code Section 116450(g)]

This notice is being sent to you by the Paskenta Community Services District in compliance with the Public Notification Requirements of the State of California Domestic Water Quality and Monitoring Regulations of Title 22, California Code of Regulations.

State Water System ID#: 5200534

Date distributed: _____

Appendix "C"

Certification of Completion of Public Notification

This form when completed and returned to the Tehama County Environmental Health Department (633 Washington Street Rm. 36, Red Bluff California 96080 or fax to 530-527-6617), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463 – 64465.

Public Water System Name: Paskenta CSD

Public Water System No: –5200534

Public notification for the April 2018 turbidity failure and monitoring failure was performed by the following method(s) (check and complete those that apply):

☐ The notice was posted in the following conspicuous places:
A copy of the notice is attached.

Provide the date (or dates) that the notice was posted _____

☐ The notice was directly delivered to each customer on _____
☐ A copy of the notice is attached.

I hereby certify that the above information is factual.

Printed Name

Signature

Date